

ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL

Manual No.: 5-21000-OPS-GT  
Procedure No.: Table of Contents, Rev 14  
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Effective Date: 01/20/92  
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH  
INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)  
VOLUME II: GROUNDWATER (GW)  
VOLUME III: GEOTECHNICAL (GT)  
VOLUME IV: SURFACE WATER (SW)  
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GT.01	Logging Alluvial and Bedrock Material	1	08/30/91
DCN 91.01	Recording lithologic descriptions and securing core boxes	1	11/15/91
DCN 91.02	Clarification of log approval for multi-use wells	1	12/03/91
GT.02	Drilling and Sampling Using Hollow Stem Auger Techniques	1	08/30/91
DCN 91.01	Superseded by DCN 92.01	1	01/20/92
DCN 91.02	Correction of well location for low Alluvial thickness	1	11/06/91
DCN 91.03	Ten foot long core barrels	1	11/15/91
DCN 92.01	Clarify unconsolidated core sample requirements	1	01/20/92
GT.03	Isolating Bedrock from Alluvium with Grouted Surface Casing	1	08/30/91
DCN 91.01	Superseded by DCN 91.03	1	12/12/91
DCN 91.02	Superseded by DCN 92.01	1	01/20/92

DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE

ADMIN RECORD

A-SW-000963

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DCN 91.03	Change in criteria for cement grouting	1	12/12/91
DNC 92.01	Grout procedure clarification	1	01/20/92
DCN 91.04	Depth of casing emplacement	1	12/17/91
DCN 91.05	Addition of Grout Ports	1	12/19/91
GT.04	Rotary Drilling and Rock Coring	1	08/30/91
DCN 91.01	Superseded by DCN 92.02	1	01/20/92
DCN 91.02	Superseded by DCN 92.01	1	01/20/92
DCN 91.03	Superseded by DCN 91.04	1	12/17/91
DCN 91.04	Clarification of the use of super gel-x	1	12/17/91
DCN 92.01	Clarification of measuring tape decontamination requirements	1	01/20/92
DCN 92.02	Clarification of core barrel decontamination	1	01/20/92
GT.05	Plugging and Abandonment of Boreholes	1	08/30/91
DCN 91.01	Superseded by DCN 92.01	1	01/20/92
DCN 92.01	Surface casing classification	1	01/20/92
GT.06	Monitoring Wells and Piezometer Installation	1	08/30/91
DCN 91.01	Superseded by DCN 92.01	1	01/20/92
DCN 91.02	Superseded by DCN 92.02	1	01/20/92
DCN 91.03	Superseded by DCN 91.06	1	11/08/91
DCN 91.04	Low Alluvial thickness wells	1	11/06/91
DCN 91.05	Superseded by DCN 91.08	1	11/15/91

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DCN 91.06	Change in filter pack guidance	1	11/08/91
DCN 91.07	Decontamination for site-wide geological chracterization	1	11/15/91
DCN 91.08	Figure replacement (GT.6-1)	1	11/15/91
DCN 91.09	Sampling with center bit drilling	1	12/03/91
DCN 92.01	Change in penetration depth into bedrock	1	01/20/92
DCN 92.02	Specification of auger size	1	01/20/92
GT.07	Logging and Sampling of Test Pits and Trenches	1	08/30/91
GT.08	Surface Soil Sampling	1	08/30/91
DCN 91.01	Clarification supplementation of GT.08 - Surface Soil Sampling	1	11/26/91
DCN 92.01	Soil core sampling revision	1	01/02/92
GT.09	Soil Gas Sampling and Field Analysis	1	08/30/91
GT.10	Borehole Clearing	1	08/30/91
GT.11	Plugging and Abandonment of Wells	1	08/30/91
DCN 92.01	Clarification of handling of contaminated/ decontaminated surface pad materials	1	01/20/92
GT.15	Geophysical Borehole Logging	1	08/30/91
DCN 91.01	Superseded by DCN 92.01	1	01/20/92
DCN 92.01	Clarification of hole logging requirements	1	01/20/92
GT.17	Land Surveying	1	08/30/91
GT.18	Surface Geophysical Surveys	1	08/30/91
GT.19	Field Gas Chromatographs	1	08/30/91

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GT.20	Procedures for Soil Interstitial Water Sampling and Sampler Installation	1	08/30/91
GT.21	Cone Penetrometer Testing	0	12/19/91

# ENVIRONMENTAL MANAGEMENT DOCUMENT CHANGE NOTICE (DCN)

Procedure Number 5-21000-OPS-GT.5, Rev 1

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Title <b>Plugging and Abandonment of Boreholes</b>		Date <b>(10/22/91) 1-15-92</b>	DCN Number <b>5-21000-OPS- <u>GT.5</u> <u>92.01</u></b>
Expires <u>Upon Incorporation</u> <b>4/15/92</b>		Procedure Revision Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>1/20/92</b>	
Scope Limitation <u>None</u>			

  

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	6 of 8	Parag. 1, line 4	Insert the following sentence AFTER ...approximately 3 feet. "If surface casing has been set in the borehole, see following paragraph."
2	6 of 8	Parag. 2	Change "A grouted surface casing" to "A cemented surface casing".

  

Justification (Reason for Change – Provide Numbers To Reference Corresponding Items Above)

Wording change is to better define intent of procedure.

  

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	1/20/92	<i>[Signature]</i>	User	X	1/15/92
<i>[Signature]</i>	EDM	X	1/15/92				

  

Approval of Responsible Manager <i>[Signature]</i>	Date <b>01/17/92</b>	Is Posting Req'd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, By What Date?	Date Posted
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